

FIG. 1A

NOGO-R2	1	~~~~~MLPG	LRRLQAPAS	AC...LLML	LA..LP	LAAAP	SCPMLCTCYS	50
NOGO-R3		MSWQSGTTVT	QSPVQAAQVS	GCCVELLLL	LAGEPLGG.	GCP	RDCVCYP	
NOGO-R1		~~~~~	~~~~~MKRAS	AGSRLLAWV	LWLQAWQVAA	PCPGACVCYN		
Consensus		~~~~~	~~~~~S	-----LL---	L-----	-CP--C-CY-		
NOGO-R2	51	SP.PTVSCQA	NNFSSVPLSL	PPSTQRLFLQ	NNLIRTLRPG	TFGS..NLLT		100
NOGO-R3		AP.MTVSCQA	HNFAAIPEGI	PEDSERIFLQ	NNRITFLQQG	HFSP..AMVT		
NOGO-R1		EPKVTTS CPQ	QGLQAVPGI	PAASQRI FLH	GNRISHVPAA	SFRACRNLT I		
Consensus		-P--T-SC--	-----P---	P-----R-FL-	-N-I-----	-F-----		
NOGO-R2	101	LWLFSSNNLST	IYPGTFRHLQ	AL EELD LGDN	RHLRSLEPDT	FQGLERLQSL		150
NOGO-R3		LWIYSNNITF	IAPNTFEGFV	HLEELD LGDN	RQLRTLAPET	FQGLVKLHAL		
NOGO-R1		LWLHSNVLAR	IDAAAF TGLA	LLEQLD LSDN	AQLRSVDPAT	FHGLGRLHTL		
Consensus		LW--SN----	I-----F----	-LE-LDL-DN	--LR---P-T	F-GL--L--L		
NOGO-R2	151	HLRYCQLSSL	PGNIFRGLVS	LQYLYLQENS	LLHLQDDDLFA	DLANLSHLFL		200
NOGO-R3		YLKCGLSAL	PAGIFGGLHS	LQYLYLQDNH	IEYLQDDIFV	DLVNLSHLFL		
NOGO-R1		HLDRCGLQEL	GPGLFRGLAA	LQYLYLQDNA	LQALPDDTFR	DIGNLTHLFL		
Consensus		-L--C-L--L	----F-GL--	LQYLYLQ-N-	---L-DD-F-	DL-NL-HLFL		
NOGO-R2	201	HGNRLRLITE	HVFRGLGS LD	RLLLHGNRLQ	GVHRAAFRGL	SRLTILYLFN		250
NOGO-R3		HGNKLWSLGQ	GIFRGLVNLD	RLLLHENQLQ	WVHKAFHDL	HRLTTLFLFN		
NOGO-R1		HGNRISSVPE	RAFRGLHSLD	RLLLHQNRVA	HVHPHAFRDL	GRIMTYLFA		
Consensus		HGN-----	--FRGL--LD	RLLLH-N---	-VH--AF--L	-RL--L-LF-		

FIG. 1B

251	NSLASLPGEA	LADLPSLEFL	RLNANPWACD	CRARPLWAWF	QRARVSSSDV	300
	NSLTELQGDC	LAPLVALEFL	RLNGNAWDCG	CRARSLWEWL	RRFRGSSSAV	
	NNLSALPTEA	LAPLRALQYL	RLNDNPWVCD	CRARPLWAWL	QKFRGSSSEV	
Consensus	N-L--L----	LA-L--L--L	RLN-N-W-C-	CRAR-LW-W-	--R-SSS-V	
301	TCATPPERQG	RDLRALREAD	FQAC...P.P	AAPTRPGSRA	.....	350
	PCATPELRQG	QDLKLLRVED	FRNC...TGP	VSPHQIKSHT	.....
	PCSLPQRLAG	RDLKRLAAND	LQGCAVATGP	YHPIWTGRAT	DEEPLGLPKC	
Consensus	-C--P-----G	-DL--L---D	---C-----P	--P-----	-----	
351	.....RGN	..SSSNH.LY	G.VAE.....	AGAPPADPS.	..TLYRDLPA	400
	..LTTSDDAA	..RKEHHPSH	G.ASRDKGHP	HGHPPGSRSG	YKKAGKNCIS	
	CQPDAAADKAS	VLEPGRPASA	GNALKGRVPP	GDSPPGNGSG	PRHI.NDSPF	
Consensus	-----	-----G-	-----G-	---P---S-	-----	
401	EDSRGR....	QGDAPTE.D	DYWGGY....	.....GGED	QRGEQMCPGA	450
	HRNRNQISKV	SSGKELTELQ	DYAPDYQHKF	SFDIMPTARP	KRKGKCART	
	GTLPGSAEPP	LTAVRPEGSE	P..PGFPTSG	PRRRPGCSRK	NRTRSHCRLG	
Consensus	-----	-----	-----	-----R-	-----	
451	ACQAPPDSRG	PALSAGLPSP	LLCLLLLVPH	HL~~~~~	491	
	PIRAPSGVQQ	ASSGTALGAP	LLAWILGLAV	TLR~~~~~	~	
	QAGSGGGGTG	DSEGSALPS	LTCSLTPLGL	ALVLWTVLGP	C	
Consensus	-----	-----	L-----	-L~~~~~	~	

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anti-myc

AP-Nogo

NgR 1

NgR 3

Control

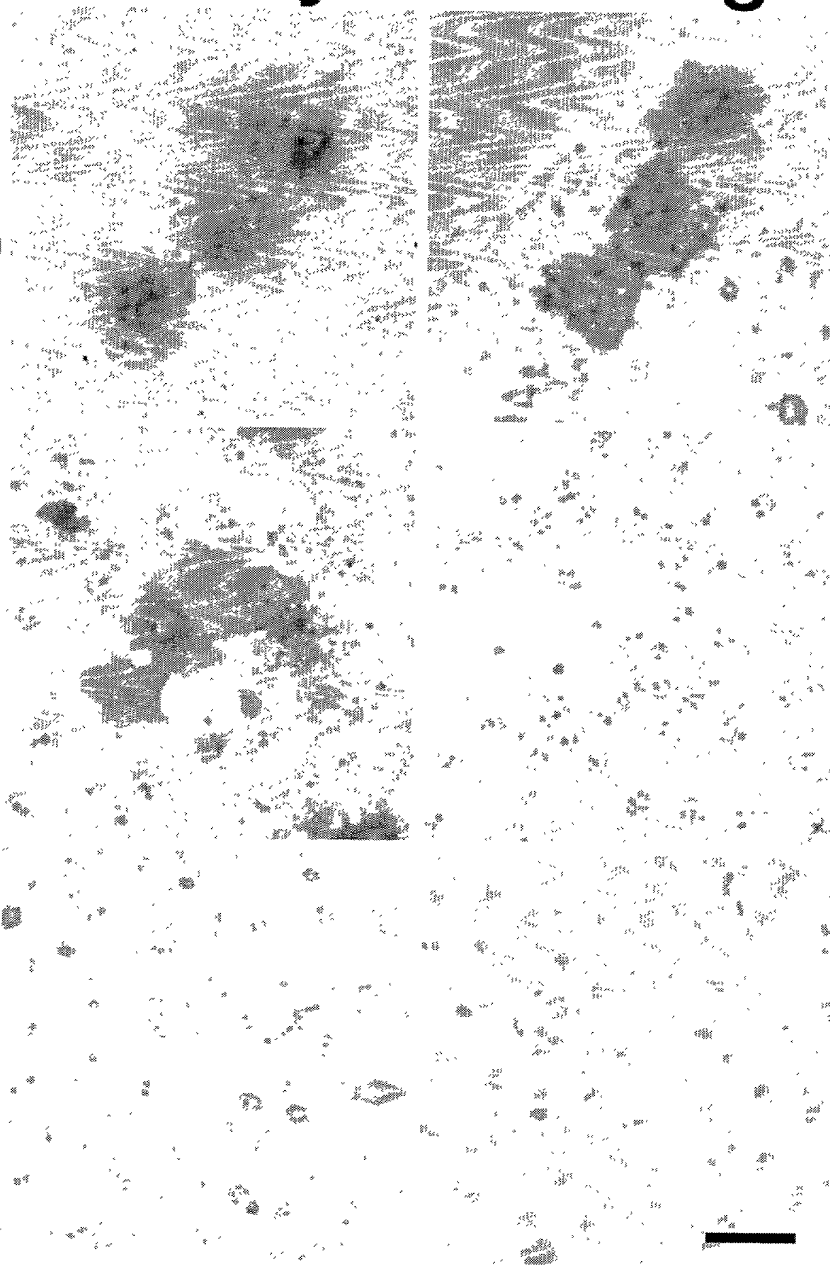


FIG. 2

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FIG. 3, cont.

LRR 6		LRR 7	
Human	NOGO-R1	201	250
Murine	NOGO-R1	GNRISSVPER	AFRGLHSIDR LLLHQNRVAH VPHAFRDLG RLMTLYLFAN
Murine	NOGO-R3	GNRIPSVPEH	AFRGLHSIDR LLLHQNHVAR VPHAFRDLG RLMTLYLFAN
Human	NOGO-R3	GNKLWSLGQG	IFRGLVNLDR LLLHENQLQW VHKAFHDLH RLTTTLFLENN
Human	NOGO-R2	GNKLWSLGPG	TFRGLVNLDR LLLHENQLQW VHKAFHDLR RLTTTLFLENN
Consensus		GNRLRLTEH	VFRGLGSLDR LLLHGNRLQG VRAAFRGLS RLTTLYLFEN
		GN-----	-FRGL-LDR LLLH-N---- VH--AF--L- RL--L-LF-N
LRR 8		LRR CT	
Human	NOGO-R1	251	300
Murine	NOGO-R1	NLSALPTEAL	APLRALQYLR LNDNPWVDCD RARPLWAWLQ KFRGSSSEVP
Murine	NOGO-R3	NLSMLPAEVL	MPLRSLOYL R LNDNPWVDCD RARPLWAWLQ KFRGSSSEVP
Human	NOGO-R3	SLTELQGDCL	APLVALEFLR LINGNWDCCG RARSLWEWLR RFRGSSSAVP
Human	NOGO-R2	SLSELQGECL	APLGALEFLR LINGNPWDCG RARSLWEWLIQ RFRGSSSAVP
Consensus		SLASLPGEAL	ADLPSEFLR L N N P W A C D C R A R P L W A W F Q R A R V S S S D V T
		-L--L-----L	--L--L--LR LN-N-W-C-C RAR-LW-W-- --R-SSS-V-
Human	NOGO-R1	301	350
Murine	NOGO-R1	CSLPQRLAGR	DLKRLAANDL QGCAVATGPY HPIWTGRATD EEPLGLPKCC
Murine	NOGO-R3	CNLPQRLADR	DLKRLAASDL EGCASVSGPF RPIQTSQLTD EELLSLPKCC
Human	NOGO-R3	CATPELRQGG	DLKLLRVEDE R N C T G P V S P . H Q I K S H T L T T S D R A A R K E H H
Human	NOGO-R2	CVSPGLRHGQ	DLKLLRAEDF R N C T G P A S P . H Q I K S H T L T T T D R A A R K E H H
Consensus		CATPPERQGR	DLRALREADF QACP.PAAP. TRPGSRA... ..RGNSSSNH
		C--P-----	DL--L---D- --C-----P- -----
Human	NOGO-R1	351	400
Murine	NOGO-R1	QPDAAADKASV	LEGRPASAG NALKGRVPPG DSPPGNGSGP RHINDSPFGT
Murine	NOGO-R3	QPDAAADKASV	LEGRPASAG NALKGRVPPG DTPPGNGSGP RHINDSPFGT
Human	NOGO-R3	PSHGASRDKG	HPHGHPGSGR SGYK..... .KAGKNC TSH RNRNQISKVS
Human	NOGO-R2	SPHGPTRSKG	HPH....GPR PGHR..... .KPGKNC TNP RNRNQISKAG
Consensus		.LYGVA.EAG AP...PADPS	TLYR..... .DLPA..... ..EDSRGR
		-----	-----

FIG. 3, cont.

401	Human NOGO-R1	LPGSAEPPLT	AVRPEGSEPP	GF...PTSGP	RRRPGCSRKN	RTRSHCRLGQ	450
	Murine NOGO-R1	LPSSAEPPLT	ALRPGGSEPP	GL...PTTGP	RRRPGCSRKN	RTRSHCRLGQ	
	Murine NOGO-R3	.SGKELTELQ	DYAPDYQHKF	SFDIMPTARP	KRKGKCARRT	PIRAPSGVQQ	
	Human NOGO-R3	.AGKQAPELP	DYAPDYQHKF	SFDIMPTARP	KRKGKCARRT	PIRAPSGVQQ	
	Human NOGO-R2	.QGGDAPTED	DYWGGY....	.....GGED	QRGEQMCPGA	ACQAPPD...	
	Consensus	-----	-----	-----	-R-----	-----	
451	Human NOGO-R1	AGSGGGGTGD	SEGSALPSL	TCSLTPLGLA	LVLWTVLGPC		
	Murine NOGO-R1	AGSGASGTGD	AEGSGALPAL	ACSLAPLGLA	LVLWTVLGPC		
	Murine NOGO-R3	.....	..ASSGTALG	APLLAWILGL	AVTLR~~~~		
	Human NOGO-R3ASSASSLG	ASLLAWTIGL	AVTLR~~~~		
	Human NOGO-R2SRGPALSA	GLPS PLLCL	LLLVPHHL~		
	Consensus	-----	-----	-----	-----	-----	

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